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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Patent Application**

Applicant(s): Junchen Du  
Case: 1  
Serial No.: 09/766,735  
Filing Date: January 22, 2001  
Title: Cascaded Biquad Infinite Impulse Response Filter  
Group: 2631  
Examiner: To Be Assigned

I hereby certify that this paper is being deposited on this date with the U.S. Postal Service as first class mail addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature: Luca M. Nardi Date: April 3, 2001

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REQUEST FOR CORRECTED FILING RECEIPT

Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, D.C. 20231

Sir:

Please issue a corrected filing receipt correcting the title by changing "Respronse" to "Response." A marked-up copy of the filing receipt and a copy of our transmittal letter are enclosed.

Respectfully submitted,

*William E. Lewis*

William E. Lewis

Reg. No. 39,274

Attorney for Applicant(s)

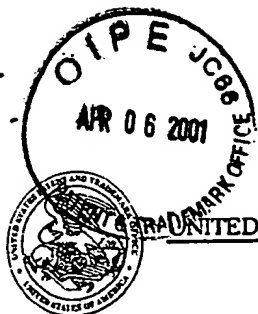
Date: April 3, 2001

Ryan, Mason & Lewis, LLP

90 Forest Avenue

Locust Valley, New York 11560

(516) 759-2946



## UNITED STATES PATENT AND TRADEMARK OFFICE

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WASHINGTON, D.C. 20231  
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/766,735	01/22/2001	2631	710	1	9	20	3

CONFIRMATION NO. 1300

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## FILING RECEIPT



\*OC000000005903262\*

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Date Mailed: 03/26/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Junchen Du, Allentown, PA;

## Continuing Data as Claimed by Applicant

## Foreign Applications

If Required, Foreign Filing License Granted 03/26/2001

Projected Publication Date: 07/25/2002

Non-Publication Request: No

Early Publication Request: No

## Title

*response*  
Cascaded biquad infinite impulse *response* filter

## Preliminary Class

375



IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

EF 006820525 US

PATENT APPLICATION

INVENTOR(S) Junchen Du  
CASE 1  
TITLE Cascaded Biquad Infinite  
Impulse Response Filter

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I hereby certify that this paper or fee is being deposited with the  
United States Postal Service "Express Mail Post Office to  
Addressee" service under 37 CFR 1.10 on the date indicated  
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Date of Deposit: January 22, 2001

Signature: William E. Lewis

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SIR:

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Enclosed are the following papers relating to the above-named application for patent:

Specification  
9 Sheets of informal drawing(s)  
1 Assignment with Cover Sheet  
Declaration and Power of Attorney

CLAIMS AS FILED				
	NO. FILED	NO. EXTRA	RATE	CALCULATIONS
Total Claims	20-20 =	0	x \$18 =	\$0
Independent Claims	3-3 =	0	x \$80 =	\$0
Multiple Dependent Claim(s), if applicable			\$270 =	\$0
Basic Fee				\$710
TOTAL FEE:				\$710

Please file the application and charge **Lucent Technologies Deposit Account No. 12-2325** the amount of \$710, to cover the filing fee. Duplicate copies of this letter are enclosed. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 12-2325** as required to correct the error.

Please address all correspondence to: **Ryan, Mason & Lewis, LLP, 90 Forest Avenue, Locust Valley, New York 11560.** Telephone calls should be made to the under-signed attorney at (516) 759-2946.

Respectfully,

William E. Lewis

William E. Lewis  
Reg. No. 39,274  
Attorney for Applicant(s)

Date: January 22, 2001  
Ryan, Mason & Lewis, LLP  
90 Forest Avenue  
Locust Valley, New York 11560

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*8/14*


Bib Data Sheet

CONFIRMATION NO. 1300

<b>SERIAL NUMBER</b> 09/766,735	<b>FILING DATE</b> 01/22/2001 <b>RULE</b>	<b>CLASS</b> 375	<b>GROUP ART UNIT</b> 2631	<b>ATTORNEY DOCKET NO.</b> 1
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**APPLICANTS**

Junchen Du, Allentown, PA;

 \*\* CONTINUING DATA \*\*\*\*\* *No* \*\*\*\*\*

 \*\* FOREIGN APPLICATIONS \*\*\*\*\* *No* \*\*\*\*\*
**IF REQUIRED, FOREIGN FILING LICENSE GRANTED**

\*\* 03/26/2001

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY PA	SHEETS DRAWING 9	TOTAL CLAIMS 20	INDEPENDENT CLAIMS 3
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged Examiner's Signature <i>[Signature]</i> Initials				

**ADDRESS**
 Ryan, Mason & Lewis, LLP  
 90 Forest Avenue  
 Locust Valley, NY 11560
**TITLE**

Cascaded biquad infinite impulse response filter

<b>FILING FEE RECEIVED</b> 710	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees
		<input type="checkbox"/> 1.16 Fees ( Filing )
		<input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )
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